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April 8, 2005

**Via Electronic Mail and Certified Mail
Return Receipt Requested**

Mr. Kevin Adler, Remedial Project Coordinator
U.S. Environmental Protection Agency, Region 5
Office of Superfund, Remedial & Enforcement Response Branch
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Subject: Granville Solvents Site Removal Action Quarterly Report – First Quarter 2005

Dear Mr. Adler:

On behalf of the Granville Solvents Site PRP Group, Metcalf & Eddy of Ohio, Inc. respectfully submits the Quarterly Report for the Removal Action at the Granville Solvents Site. Copies have been sent to the following individuals:

Mr. Steve Acree, U.S. EPA (2 copies)
Mr. Peter Felitti, U.S. EPA (cover letter)
Mr. Fred Myers, Ohio EPA (1 copy)
Mr. Joe Hickman, Manager, Village of Granville (1 copy)

You will note that this is the final quarterly report that will be issued to the U.S. EPA. The next report will be an annual groundwater monitoring report following the first year of suspended operations.

If you have questions regarding this submittal, please contact me at (614) 890-5501.

Respectfully,

METCALF & EDDY OF OHIO, INC.

Gerald R. Myers
Program Director

cc: B. Pfefferle, Baker & Hostetler – Steering Committee Chairman
W. Brewer, Duke University – Technical Committee Chairman

**GRANVILLE SOLVENTS SITE
REMOVAL ACTION QUARTERLY REPORT
FOR JANUARY, FEBRUARY, and MARCH 2005**

April 2005

Pursuant to the requirement set forth in the Administrative Order by Consent (AOC, August 7, 1994) between the U.S. EPA and the Granville Solvents Site (GSS) Potentially Responsible Parties (PRP) Group, in Section 2.5-Reporting, and the letter, dated February 14, 1996, from Ms. Diane Spencer (U.S. EPA), this report constitutes the quarterly written progress report concerning actions undertaken pursuant to the AOC. In accordance with agreements reached with the U.S. EPA regarding suspension of the operations at the Site memorialized in the December 8, 2004 letter from Mr. Kevin Adler of the U.S. EPA, Removal Action Status Reports will be issued on an annual basis beginning in March of 2006.

I. PROGRESS MADE DURING REPORTING PERIOD

General

Approval was obtained from U.S. EPA on December 8, 2004 to suspend operation of the groundwater and soil treatment systems, in accordance with the Granville Solvents Site Group's August 2004 proposal, conditional upon the submittal of a contingency plan. The contingency plan was submitted to the U.S. EPA on January 31, 2005.

Source Area Groundwater Control

The groundwater pumping and treatment system operated 744 hours in January and 672 hours in February and 144 hours in March, for a total of 1,560 hours during the first quarter of 2005. Since operation of the treatment system began in December 1994, the system has operated 98.8% of the available time. The Group suspended operations on March 7, 2005.

The treatment system processed approximately 10.9 million gallons of water in January and 9.8 million gallons of water in February and 2.1 million gallons in March for a total of 22.8 million gallons of water for the first quarter of 2005. Since operation began in December 1994, more than 1.27 billion gallons of groundwater have been extracted and treated.

During the first quarter of 2005, M&E collected monthly air pressure measurements in the air-stripping unit's exhaust to calculate airflow values. The measured airflow was 1,425 cubic feet per minute (cfm) in January and 1,400 cubic feet per minute (cfm) in February.

M&E continued to perform scheduled monthly maintenance on the treatment system to ensure that the system is performing at maximum efficiency and to decrease unscheduled downtime. Maintenance included replacing bag filters, lubricating the transfer pump and blower motors, checking flow meters and level sensors, and performing acid washing of the treatment system.

Water samples were collected from the system's influent and effluent sampling ports on January 22 and February 17. The analytical results are presented in Table 1.

Well GSS-EW2 was operated for the entire quarter until operations were suspended. A manual check of flow volume was conducted in January and again in February. The January flow rate was determined to be 245 gallons per minute and the March flow rate was determined to be 245 gallons per minute. The Village used well PW-3 during the quarter.

TABLE 1
Monthly Influent/Effluent Sampling Results, µg/l

Constituent	Influent January 22	Effluent January 22	Influent February 17	Effluent February 17	Influent March	Effluent March
1,1,1-Trichloroethane	11	ND	13	ND	Shutdown	Shutdown
cis-1,2-Dichloroethene	1.6	ND	1.7	ND	Shutdown	Shutdown
Tetrachloroethene	6.2	0.22 J	8	ND	Shutdown	Shutdown
Trichloroethene	12	ND	15	ND	Shutdown	Shutdown
1,1-Dichloroethane	0.43J	ND	0.47 J	ND	Shutdown	Shutdown

Approximately 22.8 million gallons of water were processed in the first quarter of 2005. Based on these data, total VOCs of approximately 0.12 lb/day in January and 0.11 lb/day in February were discharged to the atmosphere during this reporting period.

Groundwater Monitoring

Groundwater sampling for the quarterly event was completed on February 1. Table 2 summarizes the detected constituents and their concentrations.

TABLE 2
Quarterly Groundwater Monitoring Results, µg/L

ND -- not detected

Constituent	GSS-MW6	GSS-MW8	MW-8	GSS-MW9	GSS-MW10	GSS-MW14
Acetone	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	5.7	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	24	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	2.1	ND	ND	ND

Source Area Soils

Source area soil treatment was suspended on March 7, 2005. The treatment system had been in operation since September 2000

Active or Completed Tasks

The following specific tasks were completed during the reporting period:

- Collected water samples on January 22 and February 17, 2005 from the system influent and effluent sampling ports.
- Collected the quarterly suite of samples from monitoring network on February 1, 2005;
- Continued to collect airflow data on a monthly basis;
- Continued to operate the AI system on a 3 hour on/3 hour off cycle.
- Suspended Operations of all systems on March 7, 2005

II. DELIVERABLES (CURRENT PERIOD AND NEXT PERIOD)

CURRENT PERIOD:

Deliverable
First Quarter 2005 Report

Due Date
April 7, 2005

Delivered
April 8, 2005

NEXT PERIOD:

<u>Deliverable</u>	<u>Due Date</u>	<u>Delivered</u>
Annual Groundwater Report	March 7, 2006	

III. DIFFICULTIES ENCOUNTERED REMEDIAL ACTIONS TAKEN THIS PERIOD

- No difficulties were encountered requiring remedial actions to be taken during this reporting period.

IV. ANTICIPATED ACTIVITIES DURING NEXT REPORTING PERIOD

The next reporting period will be one year following the suspension of operations. During the next reporting period, the following tasks are anticipated:

- Collect potentiometric surface data on a quarterly basis;
- Collect groundwater samples from eight monitoring wells on a semi-annual (twice per year) basis.
- Preparation and delivery of an Annual Groundwater Monitoring Report.
- Maintain the site and equipment such that a rapid restart can occur if necessary.

bcc: GSS-PRP Group Technical Committee
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